

Weekly Disease Surveillance Report



2021 Reporting Week 36 : September 5 — September 11

This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

Okaloosa COVID-19 Status

For the second week in a row, Okaloosa is welcoming decreasing trends in COVID-19 numbers. However, even with the decreasing trend, the case positivity rate remains elevated at 26.6% and community risk level remains HIGH. As of September 14, local hospitals reported that they were 88.6% full, of which 34.5% of those beds are occupied by COVID-19 patients. Of all ICU hospital beds in Okaloosa, 56.1% were occupied by COVID-19 patients. The unvaccinated population continues to be the most heavily impacted. **Over 87% of persons hospitalized with COVID-19 are unvaccinated.**

The vaccine is highly effective at preventing severe disease and death. Just under 2,500 Okaloosa residents initiated COVID-19 vaccination in Week 36. Our county's total of fully-vaccinated residents is now at 53.7% - that's 95,922 Okaloosa residents aged 12 and older that are fully-vaccinated!

Get VACCINATED today! It is SAFE. It WORKS!

As a reminder, the FDA and CDC authorized a **third dose of the mRNA vaccine** for moderately and severely immunosuppressed people who completed either the Moderna or Pfizer vaccine series. The third dose must be from the same manufacturer. Persons who have other chronic medical conditions should consult their physician about obtaining a third dose. An additional dose is not authorized for the J&J vaccine.

Currently, Okaloosa is one of the counties in Florida hosting a **FREE Monoclonal Antibody Treatment site**. Monoclonal Antibody Treatments are authorized by the U.S. Food and Drug Administration (FDA) under an Emergency Use Authorization (EUA) for use in adult and pediatric patients (12 and older) who have either been diagnosed or exposed to someone with COVID-19 and are at high risk for progression to severe illness, hospitalization, or death from COVID-19.

Contact Us:

**Florida Department of Health
in Okaloosa County**

Epidemiology Section

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COVID-19 Snapshot

Week 36 Review		Difference from Wk35
Resident Case Count	1303	- 396
Resident Case Count per 100K Population	631.2	- 191.9
Average Resident Cases per Day	186.1	- 56.6
Percent Positivity	26.6%	- 1.6

Data Source: Merlin Database

The Florida Department of Health (FDOH) provides the Centers for Disease Control and Prevention (CDC) with county COVID-19 data, including deaths.

The death data can be obtained on the CDC's website at <https://data.cdc.gov/NCHS/Provisional-COVID-19-Death-Counts-in-the-United-St/kn79-hsxy>. Please note, the CDC data is displayed by location of death, not residence.

For questions related to COVID-19 death data, please contact the FDOH Office of Communications at 850-245-4111 or NewsMedia@flhealth.gov.

Week 36 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
HIGH	631.2	26.6%
PREVIOUS WEEK RISK LEVEL: HIGH		
Low	<10	<5%
Moderate	10-49	5-7.9%
Substantial	50-99	8-9.9%
High	>100	>10%

Community risk level is the color of the higher risk level for the two indicators.

Data Source : CDC [Community Indicators at the County Level](#)



COVID-19 Fully
Vaccinated =
No Quarantine

COVID-19 in Okaloosa County

Week 36: September 5 - September 11

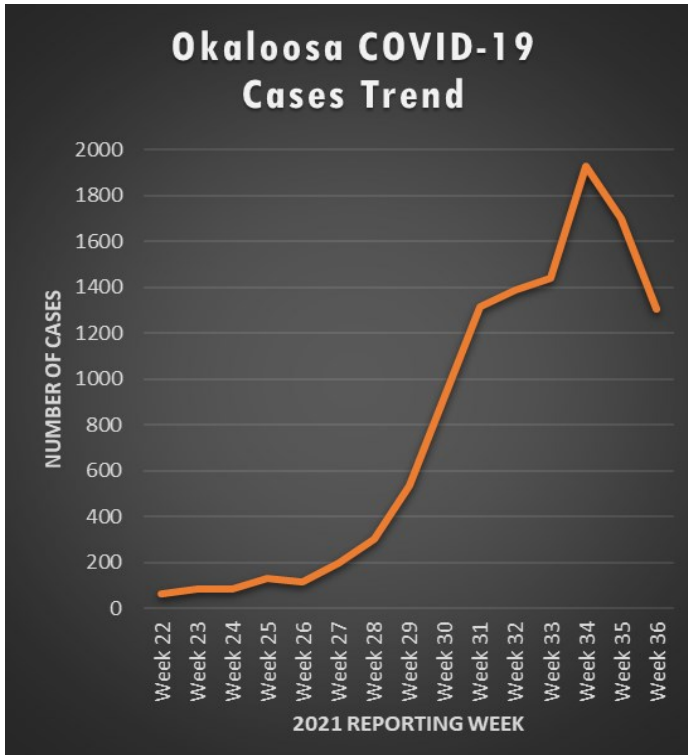


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

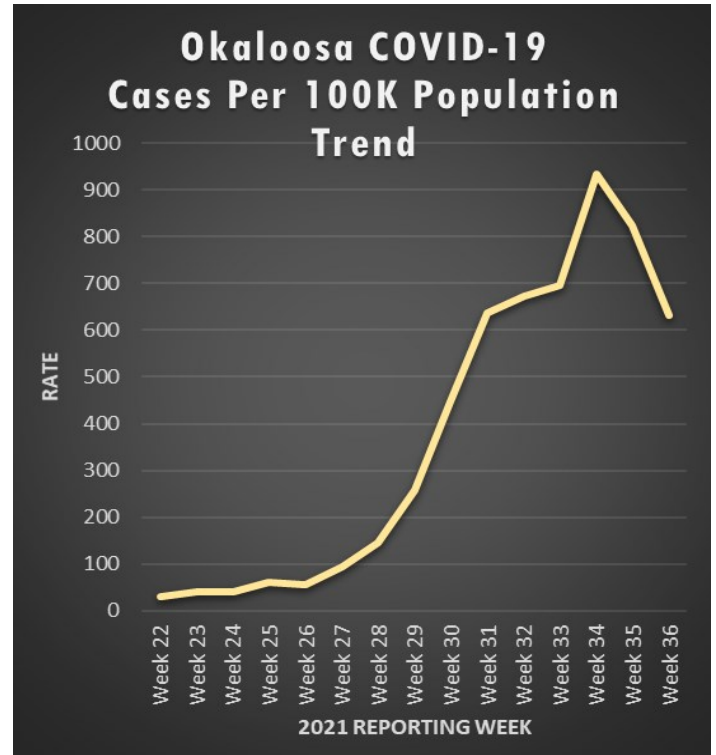


Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database

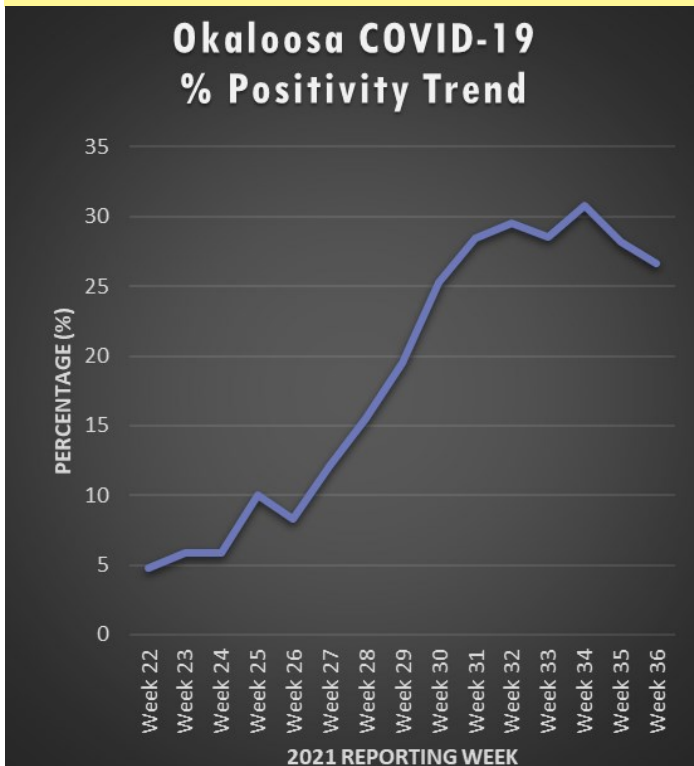


Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

COVID-19 Cases by Age Group

Age Group	Okaloosa Resident Cases since 03/01/21 through Week 36	% by Age Group	Difference from Week 35
0-11	1691	12.6%	+223
12-14	620	4.6%	+60
15-24	2102	15.6%	+169
25-44	4647	34.6%	+444
45-64	3051	22.7%	+282
65-74	812	6.0%	+83
75-84	326	2.4%	+23
85+	182	1.4%	+17
Unknown	5	0.0%	+2
Total	13436	100%	+1303

Data Source: Merlin Database



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Vaccinated =
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COVID-19 in Okaloosa County

Week 36: September 5 - September 11

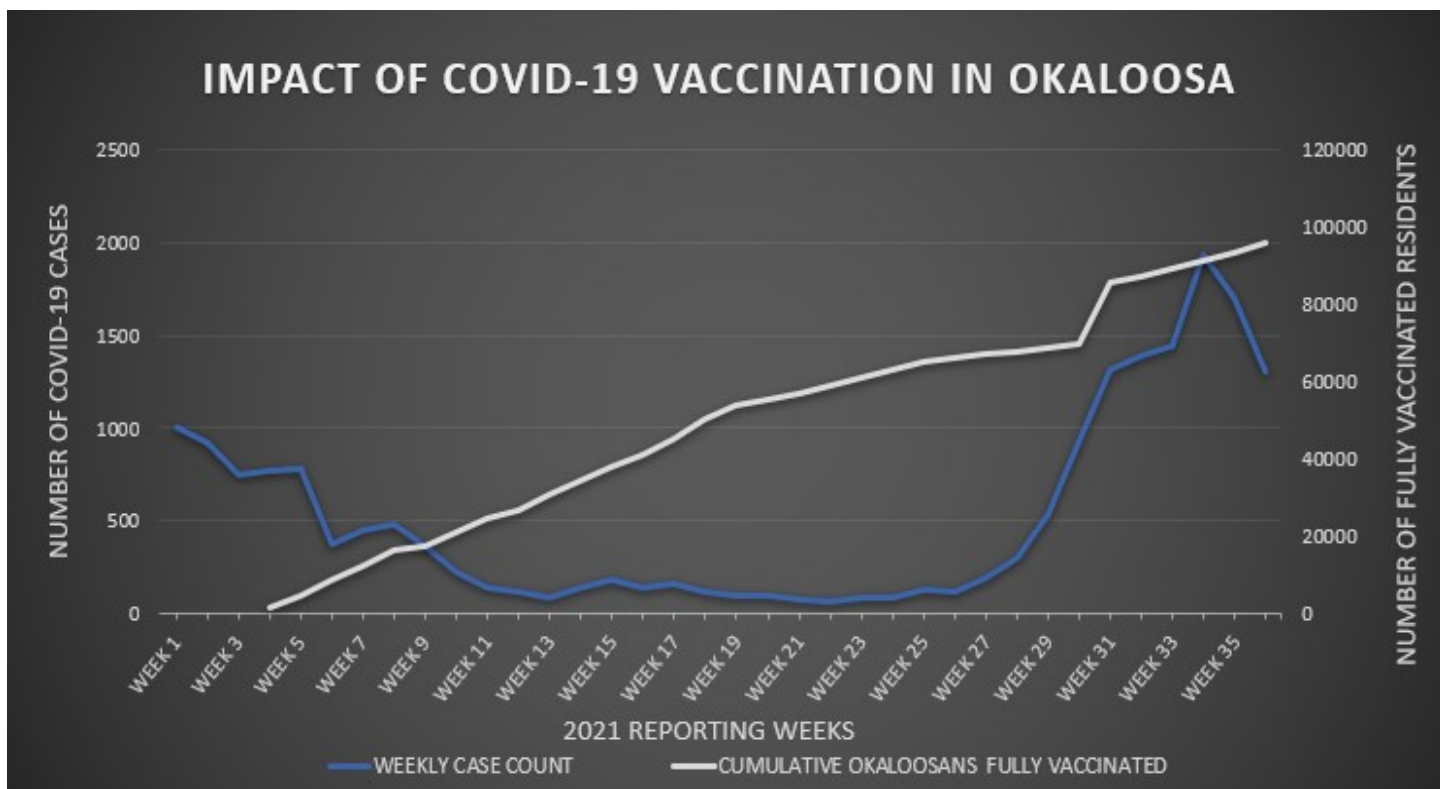


Figure 4: Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday.
Data Source: Merlin & CDC [COVID Data Tracker](#)

VACCINATION DATA RESOURCE

The CDC COVID Data Tracker presents county level vaccination data that includes vaccinations from

- FL SHOTS, including FL Department of Health, retail pharmacies, and long-term care facilities,
- Dialysis centers participating in the Federal Dialysis Center Program,
- Health Resources and Services Administration partner sites, and
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service and Bureau of Prisons.

Percentage of
Breakthrough
Infection in
Fully-Vaccinated
Individuals:

1.03%

Data Source: Merlin & CDC [COVID Data Tracker](#)

COVID-19 VACCINATIONS

Fully-Vaccinated Groups	OKALOOSA	US
% of Population \geq 12 Years of Age	53.7%	63.0%
% of Population \geq 18 Years of Age	56.1%	64.9%
% of Population \geq 65 Years of Age	86.0%	82.5%

Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



Influenza-Like Illness

Week 36: September 5 - September 11

Influenza-like Illness (ILI) is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.

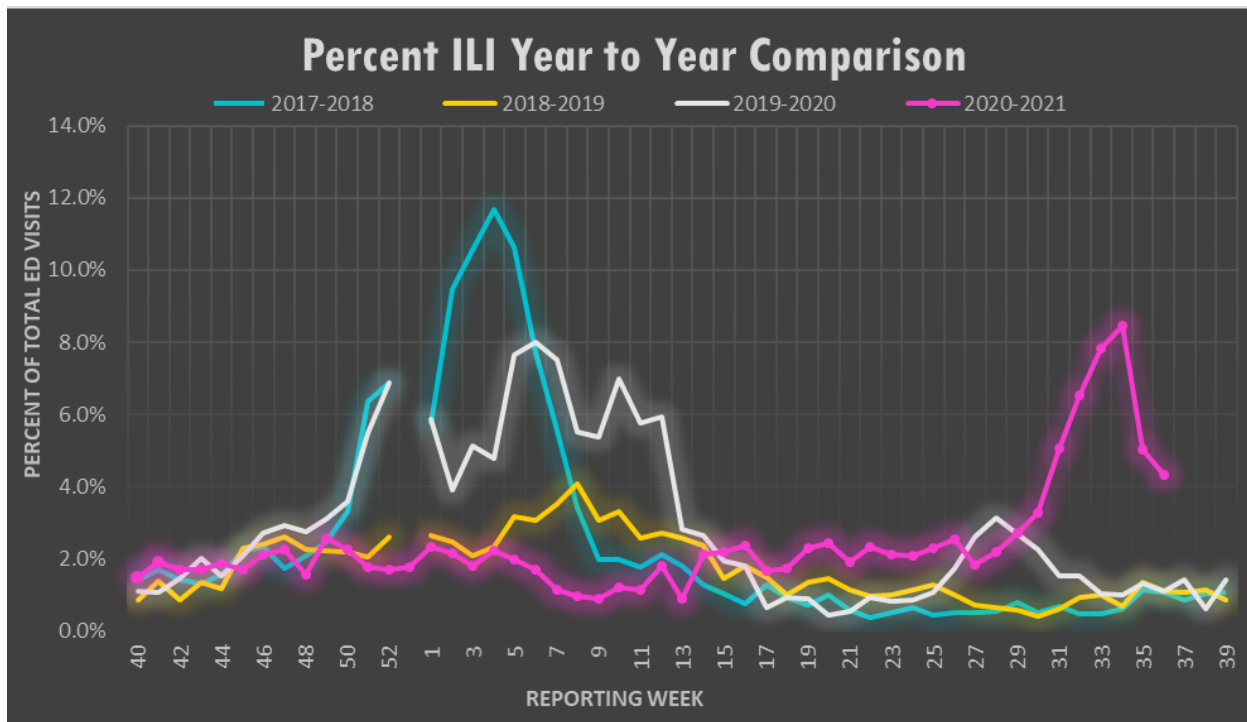


Figure 5:

Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa County for the 2017-18, 2018-19, 2019-20, and 2020-21 influenza seasons by week.

Data source:

ESSENCE

ANALYSIS: During Week 36, flu reporting partners and ESSENCE (a syndromic surveillance system) reported an decrease in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County decreased from 5.01% during Week 35 to 4.35% during Week 36. Flu partners reported no positive rapid influenza tests this week. Over the past three weeks, four out of 117 influenza specimens submitted to the state lab were positive (3 Influenza B unspecified, 1 Influenza A unspecified). There were no reported ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 36 is higher than that of Week 36 last year.

Note: Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

% ILI by Age Group Week 36, 2021

Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	23	206	11.17%
5-19	18	306	5.88%
20-34	21	546	3.85%
35-54	21	655	3.21%
55-74	25	584	4.28%
75+	3	267	1.12%

Data Source: ESSENCE

% of Total ILI Visits by Facility Week 36, 2021

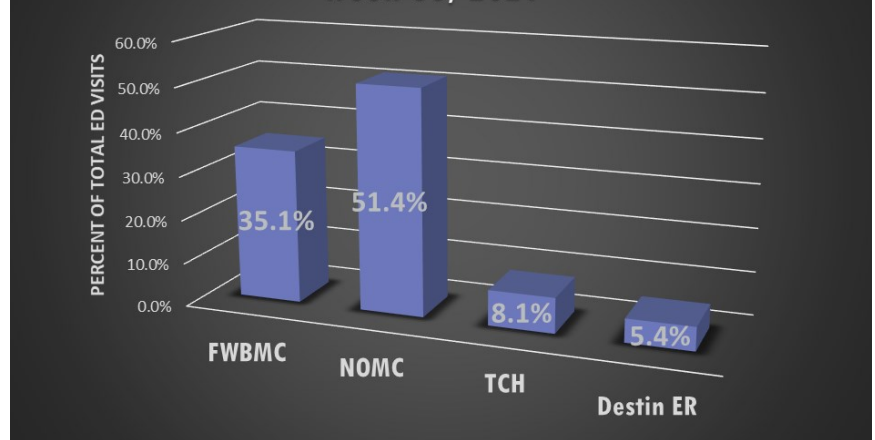


Figure 6: Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=111). Data source: ESSENCE



Syndromic Surveillance

Week 36: September 5 - September 11

Total ED Visits by Syndrome

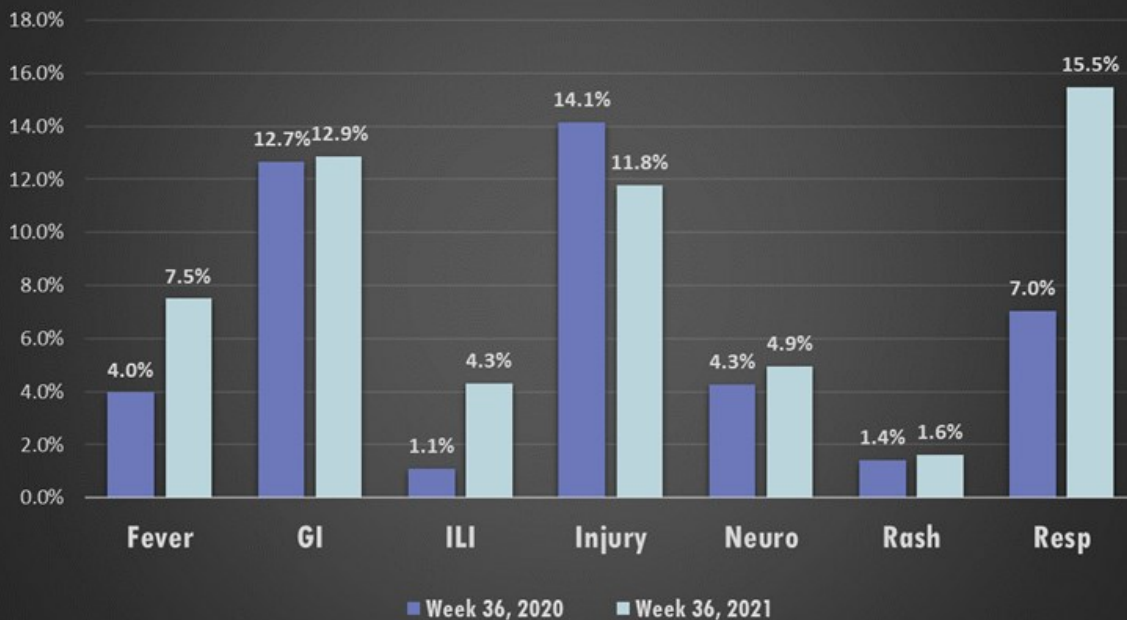
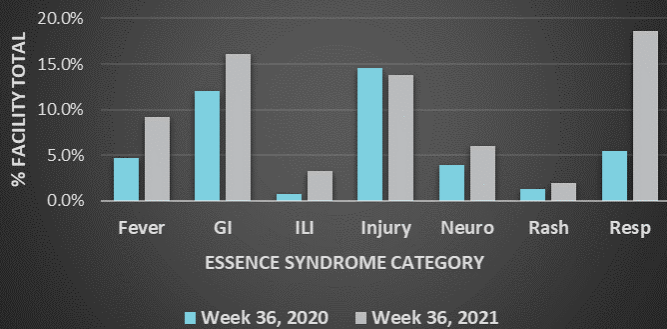


Figure 7: Hospital Emergency Department (ED) visits from 2021 Week 36 by select syndrome category. Percentages calculated based on total number of ED visits (n=2571). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

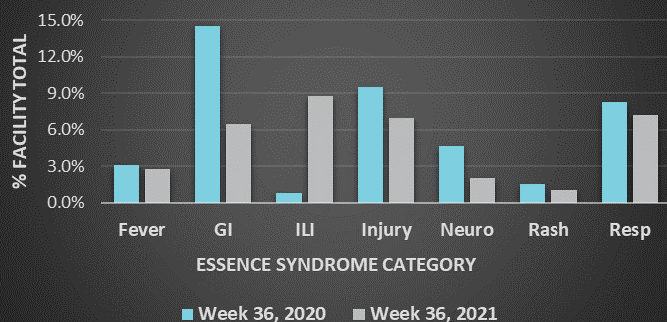
Fort Walton Beach Medical Center ED Presentations



Week 36—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	43
5-19	GI	34
20-34	GI	51
35-54	GI	46
55-74	RESP	43
75+	INURY, RESP	22, 22

North Okaloosa Medical Center ED Presentations



Week 36—North Okaloosa Medical Center

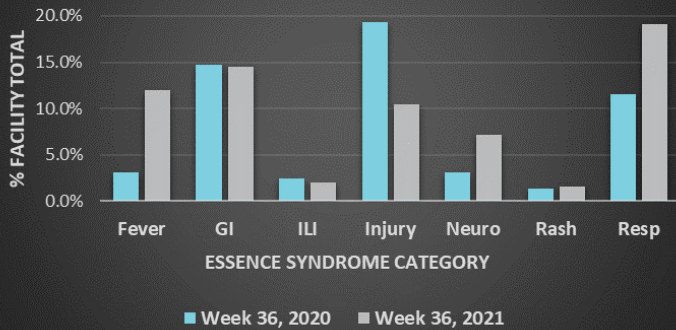
Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	7
5-19	GI	7
20-34	ILI	15
35-54	ILI	14
55-74	RESP	24
75+	INJURY	9



Syndromic Surveillance

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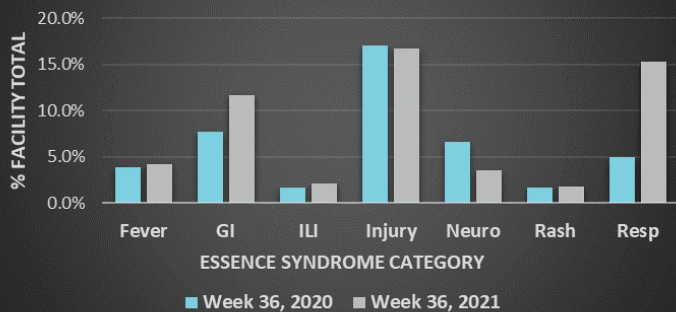
Twin Cities Hospital ED Presentations



Week 36—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	7
5-19	FEVER	14
20-34	RESP	13
35-54	GI	21
55-74	RESP	21
75+	RESP	13

DestinER ED Presentations



Week 36—DestinER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	9
5-19	RESP	8
20-34	INJURY	10
35-54	INJURY	11
55-74	INJURY	10
75+	INJURY	7

Week 36—Okaloosa County

Age Group	Top Syndrome
0-4	FEVER
5-19	GI
20-34	GI
35-54	GI
55-74	RESP
75+	RESP

Data Source: ESSENCE

